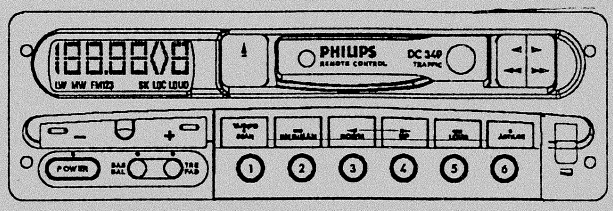
SERV. 5377

Cassette Car Radio 22DC349/00

Service
Service
Service



For repair information of the Cassette deck see Service Manual of Auto Cassette Deck CDS36-PR

Service Manual

12 V

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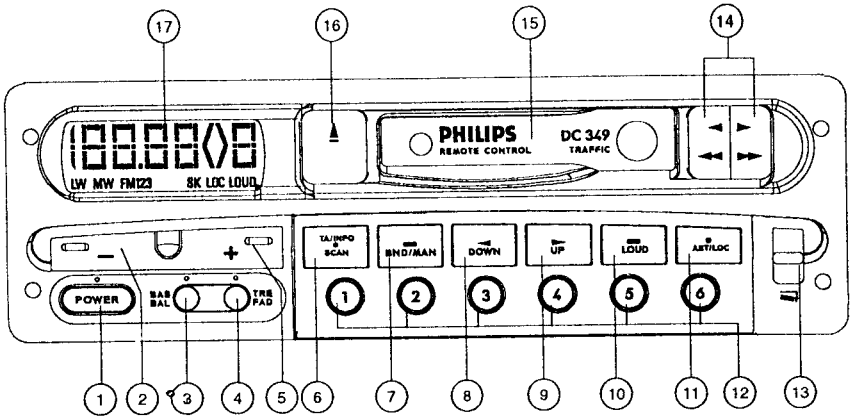
PCS 85 665

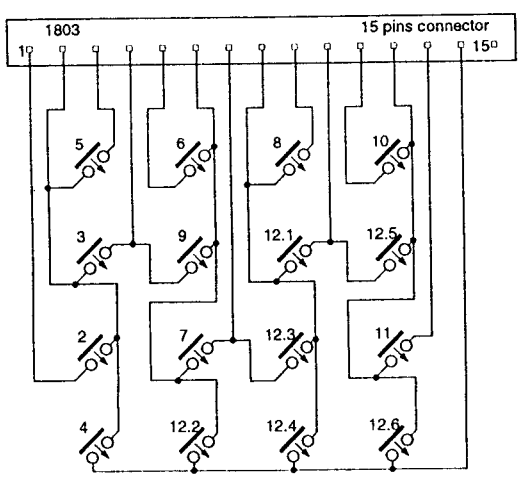
PHILIPS

CONTROLS and FRONT CONNECTIONS



1	On / Off	9	Search Up
2	Volume -	10	Loudness
3	Bass / Balance	11	Autostore / Local
4	Treble / Fader	12	Presets Selection
5	Volume +	13	Release Knob for detachable unit
6	Info / Scan Presets	14	FFW / FRW / Reverse Buttons
7	Band Selection / Manual Search Select	15	Cassette Opening + Flap
8	Search Down	16	Eject Button
		17	Display

KEYBOARD SCHEMATIC DIAGRAM



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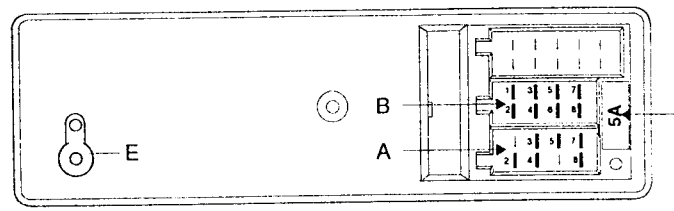
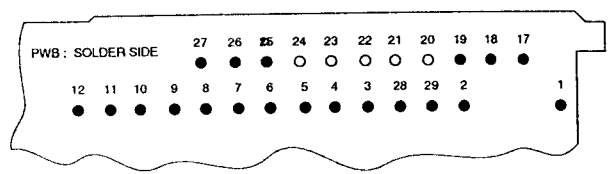
CONNECTIONS





Connector A : Power supply	**Pin Nbr on PWB**
A1	
A2 - Remote Control Ground	1-17
A3 - Remote Control Input	25
A4 - Battery + Permanent	3
A5 - Output +14V (Automatic Aerial)	29
A6 -	
A7 - Battery + Switched by ignition key (Main Supply)	2
A8 - Ground	1-17

Connector B : Loudspeaker supply	
B1 - Rear Right +	5
B2 - Rear Right -	9
B3 - Front Right +	8
B4 - Front Right -	5
B5 - Front Left +	7
B6 - Front Left -	6
B7 - Rear Left +	6
B8 - Rear Left -	4

Connector E : Aerial

E - Aerial Plug (According to DIN 41585)

F : Fuse 5A

22DC349/00

TECHNICAL DATA

GENERAL

Power supply	:14.4V DC
Dimensions	:180x150x51 mm

RADIO

LW	: 144-288 KHz
MW	: 531-1629 KHz
FM	: 87.5-108 MHz
IF-AM	: 450 KHz / 10.7 MHz
IF-FM	: 10.7 MHz / 72.2 MHz
Sensivity 26dB S/N	: 24 µV (LW)
	: 17.5 µV (MW)
	: 3,5 µV (FM)
Limitation α-3dB	: 3 to 20 µV

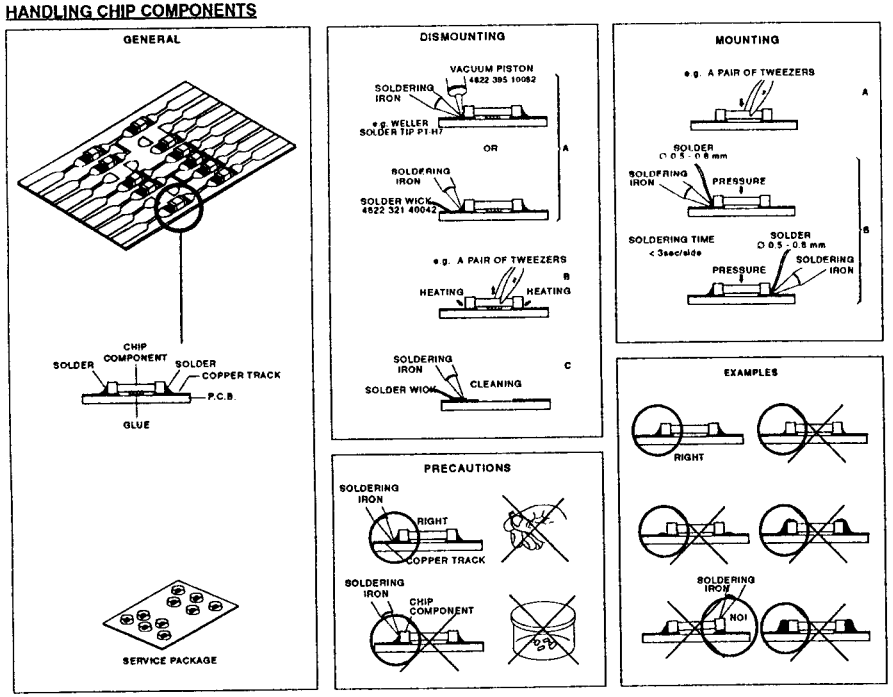
CASSETTE

Cassette mechanism	:CDS 36 PR
Number of tracks	:2x2
Tape speed	:4.76 cm/sec +3% -1%
Wow and flutter	:≤ 0.35% (+10° to +45°)
Crosstalk	:> 21dB

AMPLIFIER

Output power	:4x5.7W / 4Ω (D = 10%)
Loudness	:+7dB ± 3dB at 60Hz
Treble control	:+10/-10 ± 2dB at 10kHz
Bass control	:+12/-12 ± 2dB at 60Hz
Balance control	:>12dB
Fader	:>12dB

HANDLING CHIP COMPONENTS



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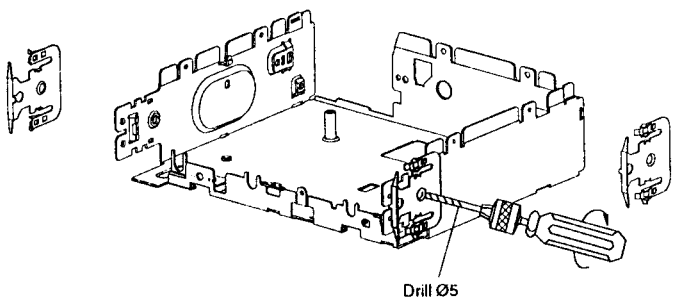
LOCKING SPRING REMOVAL



If a Mounting Spring needs to be changed,you have to first eliminate the fastening by drilling it out with a Ø5mm hand-drill

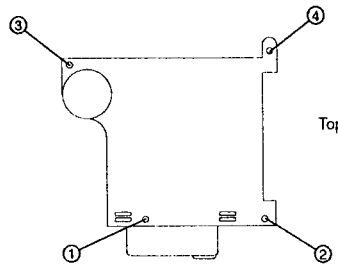
For the fixing of the new one , use a counter-sunk screw Ø3mm, length 5 or 6mm and an M3 nut

ESD

WARNING

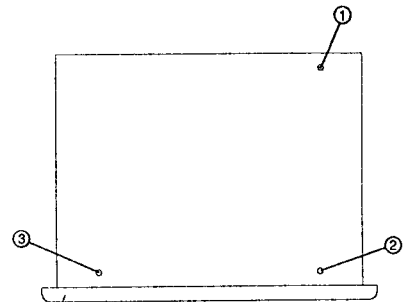
All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically.
When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools also at this potential.

SCREWING SEQUENCE DECK



Top view

SCREWING SEQUENCE PWB



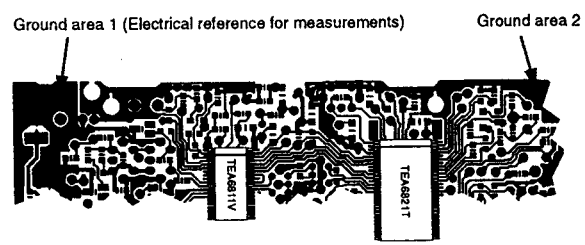
REMOVING THE PWB

1) Disconnect flex foils, and disengage the lamp from the light box of the LCD
2) Remove the front
3) Remove the deck (see screwing sequence)
4) Disengage the lamps from the metal frame
5) Remove the bracket of the power IC

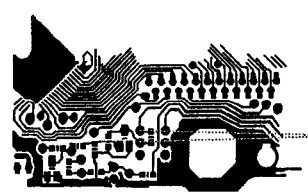
Now you can remove the PWB (see screwing sequence)

CONNECTING THE PWB FOR MEASUREMENTS ON THE COPPER SIDE.

1) Connect a wire (by soldering) between ground areas 1 and 2.
2) Short circuit the pins 2 and 3 of the detection switch.
3) Reconnect the flat foils of the front and the supply cable. Also reconnect the tape deck.

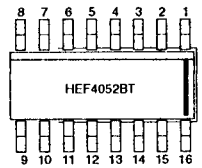


Main PWB copper side



HEF4052BT Dual 4 channel analogue multi/demultiplexer

SYMBOL	PIN	DESCRIPTION
Y_{0B}	1	independant input/output 0_B
Y_{2B}	2	independant input/output 2_B
Z_B	3	common input/output B
Y_{3B}	4	independant input/output 3_B
Y_{1B}	5	independant input/output 1_B
$\overline{E}$	6	enable input (active LOW)
V_{EE}	7	ground
V_{SS}	8	ground
A_1	9	address input 1
A_0	10	address input 0
Y_{3A}	11	independant input/output 3_A
Y_{0A}	12	independant input/output 0_A
Z_A	13	common input/output A
Y_{1A}	14	independant input/output 1_A
Y_{2A}	15	independant input/output 2_A
V_{DD}	16	supply

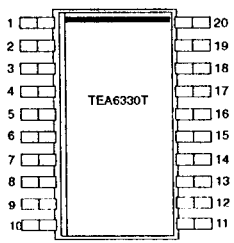


FUNCTION TABLE

inputs			channel
$\overline{E}$	A_1	A_0	ON
L	L	L	Y_{0A}-Z_A; Y_{0B}-Z_B
L	L	H	Y_{1A}-Z_A; Y_{1B}-Z_B
L	H	L	Y_{2A}-Z_A; Y_{2B}-Z_B
L	H	H	Y_{3A}-Z_A; Y_{3B}-Z_B
H	X	X	none

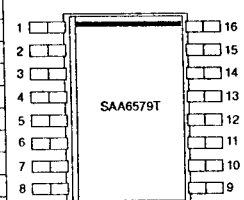
TEA6330T Sound FAder Control circuit (SOFAC)

SYMBOL	PIN	DESCRIPTION
C_{PS}	1	filtering capacitor for power supply
IN-R	2	audio input signal RIGHT
GND1	3	analog ground (0 V)
C_{BR1}	4	capacitor for bass control RIGHTand signal to equalizer
C_{BR2}	5	capacitor for bass control RIGHT
C_{TR}	6	capacitor for treble control RIGHT, input signal for equalizer RIGHT
QRR	7	right audio output signal of rear channel
QRF	8	right audio output signal of front channel
MUTE	9	input to set mute externally
GND2	10	digital ground (0 V) for bus control
SCL	11	clock signal of I^2C-bus
SDA	12	data signal of I^2C-bus
QLF	13	left audio output signal of front channel
QLR	14	left audio output signal of rear channel
C_{TL}	15	capacitor for treble control LEFT, input signal for equalizer LEFT
C_{BL2}	16	capacitor for bass control LEFT
C_{BL1}	17	capacitor for bass control LEFT and signal to equalizer
V_p	18	+8.5 V supply voltage
IN-L	19	audio input signal LEFT
V_{ref}	20	reference voltage output (V_p/2)



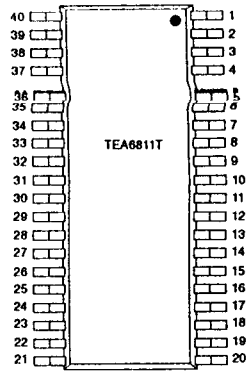
SAA6579T Radio Data System demodulator

SYMBOL	PIN	DESCRIPTION
QUAL	1	quality indication output
RDDA	2	RDS data output
V_{ref}	3	reference voltage output (0.5 V_{DDA})
MPX	4	multiplex input signal
V_{DDA}	5	+5V supply voltage for analog part
V_{SSA}	6	ground for analog part (0V)
CIN	7	subcarrier input to comparator
SCOUT	8	subcarrier output for reconstruction filter
TCTR	9	test control
TEN	10	test enable
V_{SSD}	11	ground for digital part (0V)
V_{DDD}	12	+5V supply voltage for digital part
OSCI	13	oscillator input
OSCO	14	oscillator output
T57	15	57kHz clock signal output
RDCL	16	RDS clock output



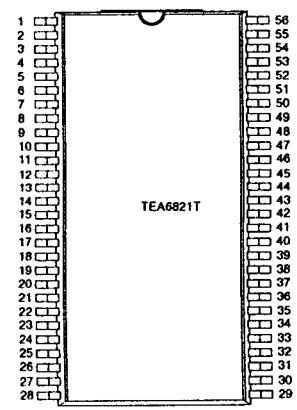
TEA6811 IC91 RF IC

SYMBOL	PIN	DESCRIPTION	SYMBOL	PIN	DESCRIPTION
GNDANF	1	analog ground 5 V	GNDAMM	21	ground AMMIXER
VCCANF	2	analog supply 5 V	AMPREO	22	AMPREAMP output
LCKDET	3	lock detector flag	NC	23	
SDA	4	I2C bus data	AMSBI	24	AM feedback switch SB1
SCL	5	I2C bus clock	AMSBII	25	AM feedback switch SB2
FREFN	6	ref frequency from I2C N-terminal	AMPREI	26	AMPREAMP input
FREFP	7	ref frequency from I2C P-terminal	AMCAGC	27	AM AGC capacitor
GNDDIF	8	digital ground	AMCPRE	28	AM preamp decoupling capacitor
VCCDIF	9	digital supply 5 V	GNDRF	29	RF ground
NC	10		FMRFIP	30	FM MIXER inputs RF
FMIFON	11	outputs of FM-mixer of	FMRFIN	31	
FMIFOP	12	first IF (72.2 MHz)	IPIDIO	32	pin diode drive
VCCE	13	analog supply 8.5 V	FMAGC	33	FM AGC integrating capacitor
GNDE	14	analog ground 8.5 V	REFAGC	34	FM AGC reference voltage
AMMOP	15	outputs of AMMIXER	OSCFDB	35	oscillator FEEDBACK input
AMMON	16	of first IF (10.7 MHz)	GNDOSC	36	oscillator ground
NC	17		OSCTNK	37	oscillator tank output
AMMIN	18	AMMIXER input RF	VCCOSC	38	supply voltage VCO
VREF	19	reference voltage from AMBANDGAP	VTUNE	39	tuning voltage
NC	20		CHPOUT	40	charge pump output

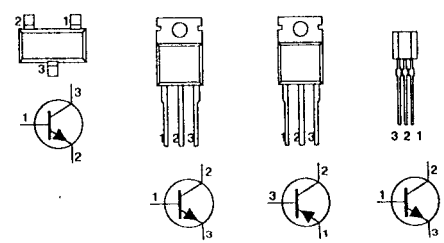


TEA6821T

SYMBOL	PIN	DESCRIPTION	SYMBOL	PIN	DESCRIPTION
QDET1	1	demodulator tank	FMIFAMPOUT	29	FM-IF amplifier output
QDET2	2	demodulator tank	AFGND	30	AF ground
TSWITCH	3	time switch	DEEMPHR	31	de-emphasis capacitor right
GND	4	analog ground	DEEMPHL	32	de-emphasis capacitor left
VPS	5	5 V supply voltage	AMIF2IN1	33	AM IF2 input1
HFBUS1	6	HF bus, pull-up to 5 V	AMIF2IN2	34	AM IF2 input2
HDBUS2	7	HF bus, pull-up to 5 V	FMIN2	35	FM limiter input
XTAL1	8	crystal oscillator	DCFEED	36	DC feed FM limiter
XTAL2	9	crystal oscillator	FMIN1	37	FM limiter input
F_{REFP}	10	PLL reference frequency	LEVELADJ	38	level adjust
F_{REFN}	11	PLL reference frequency	C_{AFC}	39	AFC capacitor
I_{REF}	12	reference current	MPBUF	40	multipath buffer time constant
FMIF1IN1	13	70 MHz FM-IF input	OUTLEFT	41	AF output left
FMIF1IN2	14	70 MHz FM-IF input	FMSTOP	42	FMSTOP adjust
TSDR	15	time constant for SDR	RDS/AMSTOP	43	MPX for RDS/AMSTOP adjust
TSDS	16	time constant for SDS	OUTRIGHT	44	AF output right
V_{SDS}	17	SDS control voltage	MPXIN	45	stereo decoder MPX input
V_{SDR}	18	SDR control voltage	IAC_{IN}	46	IAC input
FMIF2OUT1	19	FM mixer output	MPXOUT	47	FM demodulator MPX output
FMIF2OUT2	20	FM mixer output	AMAFOUT	48	AM demodulator AF output
V_{REF}	21	reference voltage	V_{MUTAML}	49	mute voltage / AM level
AMIF2OUT1	22	AM mixer output	LEVELUNWEIG	50	level unweighted
AMIF2OUT2	23	AM mixer output	$I_{ACCONTR}$	51	IAC control voltage
FMAMDEC	24	FM/AM 10.7 MHz decoupling	V_{PDIG}	52	V_P digital
PHASEDET	25	phase detector	SDA	53	SDA, pull-up to 5 V
PILDET	26	pilot detector	SCL	54	SCL, pull-up to 5 V
FMAM10.7	27	FM/AM 10.7 MHz input	BUSGND	55	bus ground
V_{PIF}	28	V_P IF amplifier	$V_{P8.5}$	56	V_P 8.5 V



BC847B / BF840 BD241A BD438 BC636



DC VOLTAGES - Measured in FM - set tuned, unless otherwise stated.

7202 TEA6811V

1 = GND
2 = 5.0 V
3 = Lock 5.0 V
4 = 5.0 V SDA
5 = 5.0 V SCL
6 = 4.9 V
7 = 4.9 V
8 = GND
9 = 5.0 V
10 = GND
11 = 8.5 V
12 = 8.5 V
13 =8.5 V
14 = GND
15 = 8.5 V
16 = 8.5 V
17 = GND
18 = 0.0 V FM - 2.75 V AM
19 = 0.0 V FM - 2.75 V AM
20 = GND
21 = GND
22 = 0.0 V FM - 2.75 V AM
23 = GND
24 = 0.0 V FM - 2.9 V AM
25 = 0.0 V FM - 2.9 V AM
26 = 0.0 V FM - 0.7 V AM
27 = 0.0 V FM - 2.9 V AM
28 = 0.3 V FM - 1.5 V AM
29 = GND
30 = 3.1 V
31 = 3.1 V
32 = 0.0 V
33 = 4.1 V FM - 5.6 V AM
34 = 4.2 V FM - 7.9 V AM
35 = 2.6 V
36 = GND
37 = 6.2 V
38 = 8.5 V
39 = Frequency dependant
40 = Frequency dependant

7300 TEA6821T/V2

1 = 4.0 V
2 = 4.0 V
3 = 0.8 V
4 = GND
5 = 5.0 V
6 = 5.0 V SDA
7 = 5.0 V SCL
8 = 4.1 V
9 = 4.1 V
10 = 4.9 V
11 = 4.9 V
12 = 4.3 V
13 =2.3 V
14 = 2.3 V
15 = N.C.
16 = 5.0 V
17 = 3.0 - 5.5 V
18 = N.C.
19 = 8.5 V
20 = 8.5 V
21 = 5.1 V
22 = 8.5 V
23 = 8.5 V
24 = 3.0 V
25 = 4.7 V
26 = 2.7 V
27 = 3.0 V
28 = 8.5 V
29 = 6.0 V
30 = 3.6 V
31 = 2.3 V
32 = 2.3 V
33 = 2.7 V AM - 0.7 V FM
34 = 2.7 V AM - 0.7 V FM
35 = 0.7 V AM - 2.7 V FM
36 = 2.7 V
37 = 0.7 V AM - 2.7 V FM
38 = 2.6 V
39 = 3.3 V
40 = 0.7 V
41 = 3.6 V
42 = 1.9 V
43 = 3.0 V
44 = 3.6 V
45 = 2.8 V
46 = 3.2 V
47 = 3.0 V
48 = 4.8 V
49 = 5.0 V
50 = 5.2 V
51 = 6.0 V
52 = 5.0 V
53 = 5.0 V
54 = 5.0 V
55 = GND
56 = 8.5 V

7402 TDA7374V

1 = 7.0 V
2 = 7.0 V
3 = 14.4 V
4 = 0.7 V
5 = 0.7 V
6 = 0.7 V
7 = 6.6 V
8 = Earth
9 = GND
10 = N.C.
11 =0.7 V
12 =0.7 V
13 = 14.4 V
14 = 7.0 V
15 = 7.0 V

7602 HEF 4052BT

1 = 3.4 V
2 = 5.5 V
3 = 3.4 V
4 = 3.4 V
5 = 3.8 V
6 = GND
7 = GND
8 = GND
9 = 0.0 V
10 = 0.0 V
11 = 3.4 V
12 = 3.5 V
13 = 3.4 V
14 = 3.9 V
15 = 5.5 V
16 = 7.7 V

7605 TEA 6330

1 = 7.7 V
2 = 3.8 V
3 = GND
4 = 3.9 V
5 = 3.9 V
6 = 3.9 V
7 = 3.9 V
8 = 3.9 V
9 = 7.7 V
10 = GND
11 = 5.0 V SCL
12 = 5.0 V SDA
13 = 3.9 V
14 = 3.9 V
15 = 3.9 V
16 = 3.9 V
17 = 3.9 V
18 = 7.7 V
19 = 3.9 V
20 = 3.9 V

7703 MC4558

1 = 3.8 V
2 = 3.8 V
3 = 3.8 V
4 = GND
5 = 3.8 V
6 = 3.8 V
7 = 3.8 V
8 = 7.6 V

CHECK AND ALIGNMENT

For checking and adjusting see general procedures

Check	SK				Setting of controls		
Demodulated FM levels	FM	98 MHz 1 mV Δf=22.5 KHz f mod = 1 KHz	B			◇8◇ 210 mV ± 40 mV	
		98 MHz 1 mV Δf = 6.75 KHz f mod = 19 KHz				◇8◇ 60 mV ± 10 mV	
		98 MHz 1 mV Δf = 3.75 KHz f mod = 57 KHz				◇8◇ 30 mV ± 10 mV	
Demodulated AM level	MW	1053 KHz 1 mV 1 KHz, 30% AM	A			250 mV ≤ ◇7◇ ◇9◇ ≤ 350 mV	
VC FM	FM		B	87.5 MHz		◇10◇ > 1.2 V	
				108 MHz		◇10◇ < 5.5 V	
VC AM	LW		A	144 KHz		◇10◇ > 1.2 V	
	MW			1611 KHz		◇10◇ < 7.0 V	
FM Mute	FM	93 MHz 1mV	B			◇5◇ ◇6◇ 0 dB (775 mV)	
		No signal				◇5◇ ◇6◇ < -10 dB	
0 Discriminator						◇4◇ 3.4 V ± 400 mV	
Reference oscillator frenquencies						◇1◇ 61.5 MHz ± 3kHz ◇2◇ 6 MHz ± 0.5%	

Alignment	SK					
	FM	88 MHz 20µV no AF signal	B	88 MHz	5201	◇10◇ 1.35 V ± 50 mV
	FM	93 MHz <20 µV no AF signal	B	93 MHz	5209 5210	Max DC voltage on pin 50 of IC 7300
	FM	93 MHz 20µV no AF signal	B	93 MHz	5208	Max DC voltage on pin 50 of IC 7300
	AM	1053 KHz 70µV 1 kHz 30%	A	1053 KHz	5301	Max DC voltage on pin 50 of IC 7300
Audio limiting	FM	98 MHz 1 mV Δf=22.5 KHz f mod = 1 KHz	B			◇5◇ ◇6◇ 0 dB (775 mV)
		98 MHz 6 µV Δf=22.5 KHz f mod = 1 KHz			3321	◇5◇ ◇6◇ -3 dB
SDS	FM	98 MHz 150µV Δf=22.5 KHz f mod = 1 KHz	B	98 MHz	3303	◇7◇<->◇9◇= 10dB ±0.5

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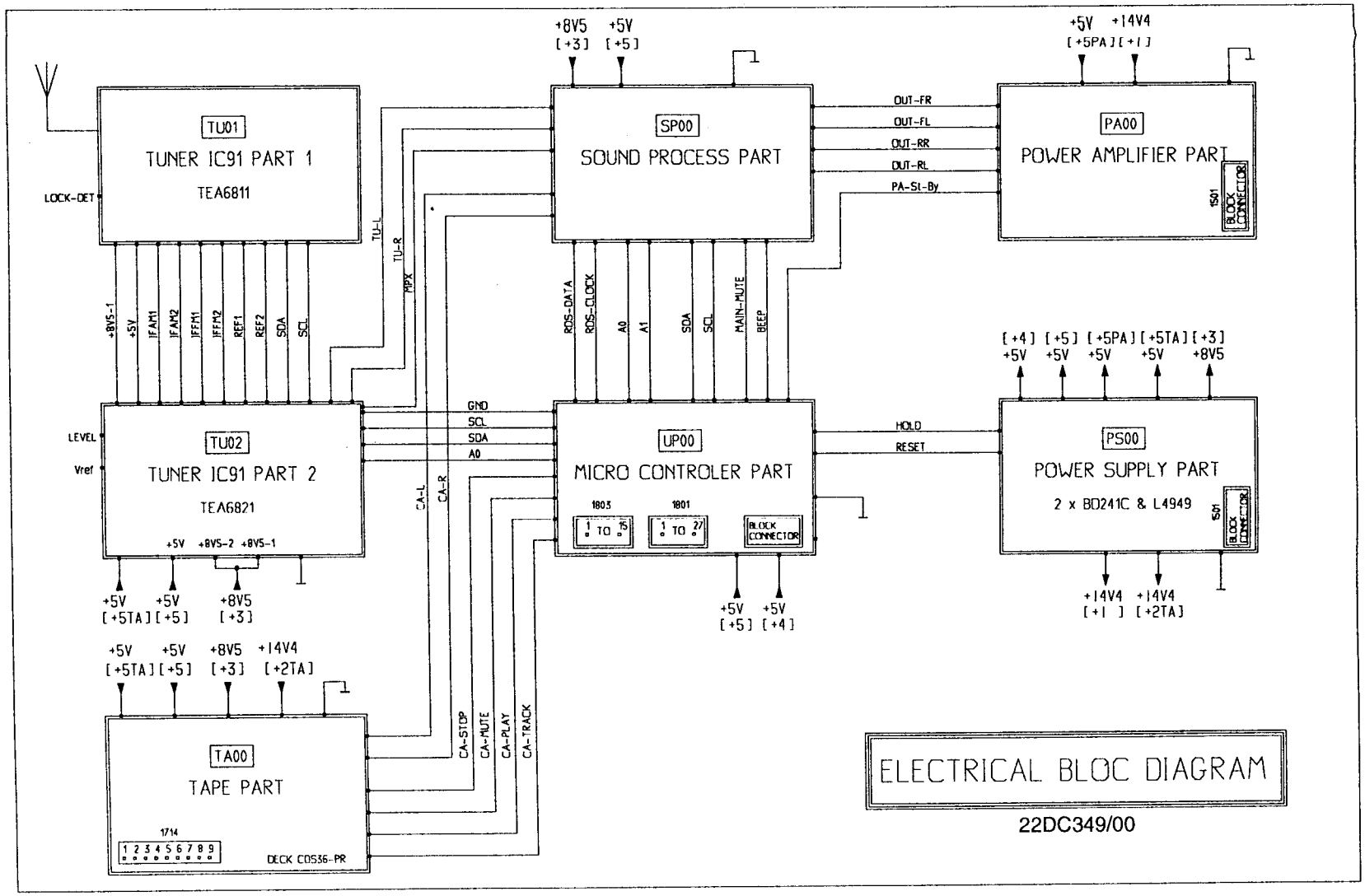
TU01
TUNER IC91 PART 1
TEA6811
LOCK-DET
SP00
SOUND PROCESS PART
PA00
POWER AMPLIFIER PART
1501
BLOCK CONNECTOR
OUT-FR
OUT-FL
OUT-RR
OUT-RL
PA-St-By
+8V5 [+3]
+5V [+5]
+5V [+5PA]
+14V4 [+1]
+8V5-1
+5V
IFAM1
IFAM2
IFFM1
IFFM2
REF1
REF2
SDA
SCL
TU-L
TU-R
MPX
ROS-DATA
ROS-CLOCK
A0
A1
SDA
SCL
MAIN-MUTE
BEEP
TU02
TUNER IC91 PART 2
TEA6821
LEVEL
Vref
+5V +8V5-2 +8V5-1
+5V [+5TA]
+5V [+5]
+8V5 [+3]
GND
SCL
SDA
A0
UP00
MICRO CONTROLER PART
1803
1801
1 TO 75
1 TO 27
BLOCK CONNECTOR
HOLD
RESET
PS00
POWER SUPPLY PART
2 x BD241C & L4949
1501
BLOCK CONNECTOR
[+4] [+5] [+5PA] [+5TA] [+3]
+5V +5V +5V +5V +8V5
+14V4 [+1]
+14V4 [+2TA]
+5V [+5]
+5V [+4]
CA-L
CA-R
CA-STOP
CA-MUTE
CA-PLAY
CA-TRACK
+5V [+5TA]
+5V [+5]
+8V5 [+3]
+14V4 [+2TA]
TA00
TAPE PART
1714
1 2 3 4 5 6 7 8 9
DECK COS36-PR
ELECTRICAL BLOC DIAGRAM
22DC349/00

1001 J 8	1506 G 1	2249 H 8	2410 C 7	2602 D 6	3321 D 8	5200 I 6	5212 J 7	6505 A 3	7702 J 2	9401 B 8	9504 H 4
1300 E 6	1512 B 2	2327 E 8	2411 A 4	2603 D 7	3322 H 7	5201 H 8	5301 F 6	6506 C 6	7824 G 4	9402 B 8	9505 H 3
1301 E 7	1513 D 2	2328 G 8	2501 C 4	2605 D 4	3508 B 6	5202 I 6	5302 F 8	6601 E 5	7851 G 4	9403 C 8	9506 F 5
1302 D 7	1714 J 4	2332 E 6	2503 C 5	2666 I 2	3516 B 7	5203 H 6	5503 B 7	6702 J 5	9200 J 7	9404 C 8	9507 C 4
1303 G 6	1801 B 2	2401 C 7	2504 A 3	2701 J 3	3524 B 3	5206 J 5	5661 G 3	6703 J 5	9201 G 7	9405 A 7	9509 A 2
1501 A 8	1803 C 4	2402 B 5	2505 A 7	2702 J 2	3525 F 2	5207 I 8	5801 G 3	7402 A 5	9202 F 7	9406 C 7	9510 C 5
1502 B 3	2121 I 6	2403 B 5	2507 A 6	2723 J 3	3526 H 2	5208 G 7	5802 E 4	7501 A 3	9203 E 6	9500 G 5	9600 D 4
1503 B 4	2217 I 6	2407 B 5	2508 C 5	2724 J 3	3527 B 3	5209 G 7	6401 B 5	7502 C 6	9204 F 7	9501 B 6	9601 D 4
1504 E 1	2219 I 7	2408 B 5	2509 A 3	3303 G 7	4300 F 8	5210 G 8	6502 A 6	7503 C 4	9205 I 6	9502 E 5	
1505 H 1	2220 H 6	2409 B 5	2510 D 1	3319 G 6	5001 I 7	5211 J 6	6503 B 7	7504 B 6	9207 I 6	9503 B 3	

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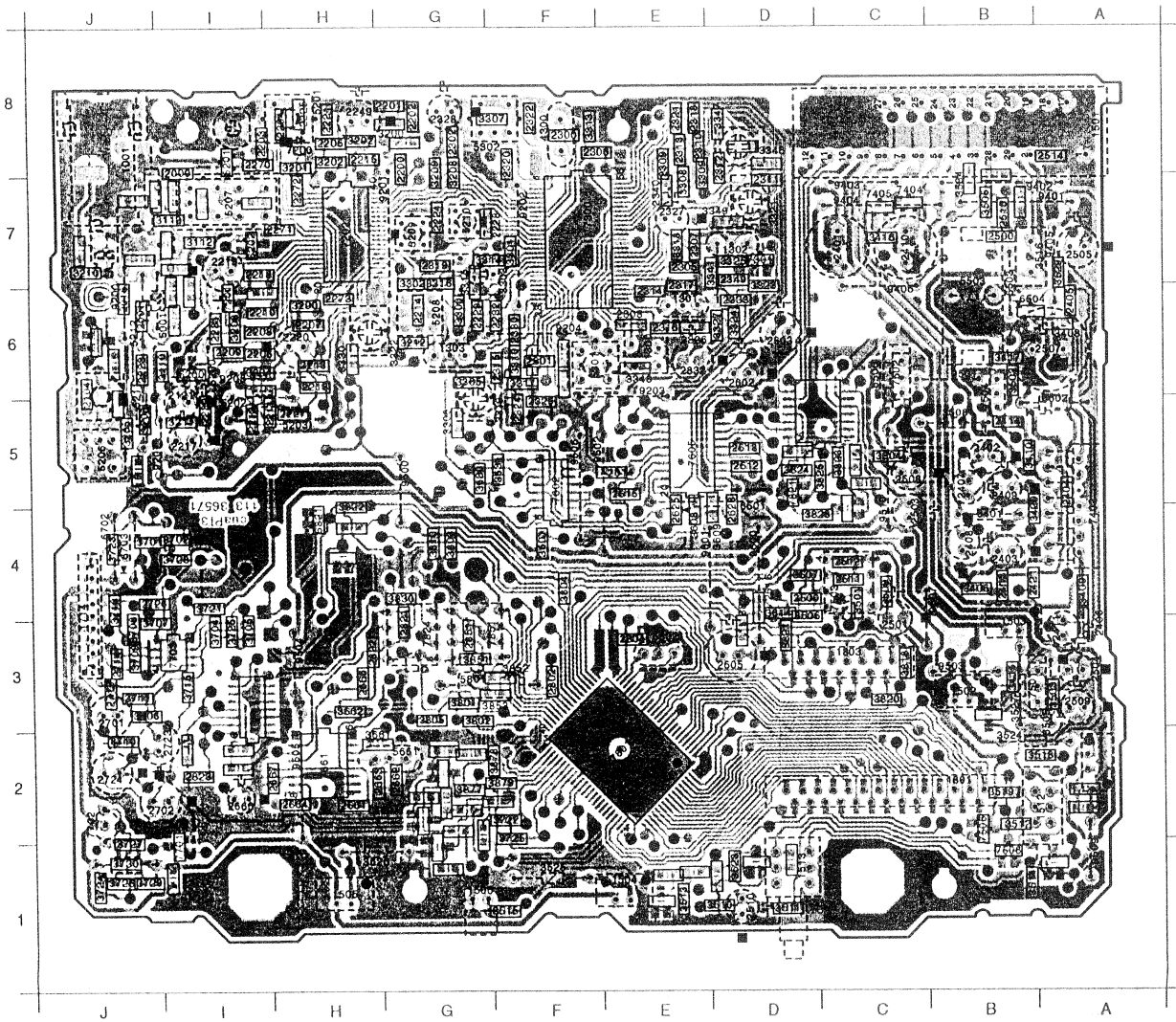

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2001 J 7	2629 E 5	3507 D 4	7505 B 2
2016 J 7	2628 D 5	3509 C 4	7506 B 2
2104 J 6	2661 H 2	3510 D 1	7602 F 5
2200 G 8	2662 G 3	3511 D 1	7605 E 5
2201 G 8	2663 H 2	3512 B 2	7661 H 3
2202 G 8	2664 H 2	3513 E 1	7701 I 2
2203 H 8	2665 H 3	3514 B 2	7703 I 4
2204 H 8	2667 H 3	3515 F 1	7801 E 3
2205 H 8	2714 J 4	3518 A 3	7821 D 5
2206 I 6	2715 J 3	3519 B 2	
8 2207 H 7	2725 I 4	3523 D 2	
2208 I 7	2726 J 4	3529 A 7	
2209 I 6	2802 F 3	3534 B 8	
2210 I 7	2804 E 4	3601 F 5	
2211 H 6	2821 G 4	3608 E 5	
2212 I 6	2822 H 4	3609 D 5	
2213 H 6	2823 I 3	3614 D 4	
2214 G 7	2851 G 4	3630 G 5	
2215 H 8	3110 I 6	3631 F 5	
7 2218 I 7	3112 I 7	3661 H 3	
2221 H 8	3113 I 8	3662 H 3	
2223 J 6	3200 G 8	3701 J 5	
2224 G 8	3201 H 8	3702 I 5	
2225 H 8	3202 H 8	3704 I 4	
2227 H 6	3203 I 7	3705 I 4	
2228 F 8	3204 I 6	3706 J 3	
2229 G 7	3205 J 6	3707 J 4	
6 2230 I 6	3206 J 6	3708 J 4	
2231 I 7	3208 G 8	3709 J 4	
2232 F 7	3209 G 8	3710 J 3	
2270 I 8	3210 J 7	3711 J 3	
2271 H 7	3211 I 6	3713 J 4	
2272 H 8	3212 G 6	3715 I 3	
2273 H 7	3213 H 6	3721 I 4	
5 2300 F 8	3290 H 7	3722 F 2	
2301 F 6	3292 H 8	3723 J 5	
2302 G 8	3300 G 7	3724 J 2	
2305 E 7	3301 F 7	3725 F 2	
2306 E 8	3302 G 7	3726 J 2	
2307 E 7	3305 G 6	3727 J 2	
2308 E 7	3306 G 6	3728 I 5	
2309 E 8	3307 F 8	3729 J 2	
4 2310 E 8	3308 E 8	3730 J 2	
2311 D 8	3309 E 8	3801 G 3	
2312 D 8	3310 F 6	3802 G 3	
2313 E 8	3313 F 8	3803 G 5	
2314 E 7	3314 F 7	3804 F 4	
2315 F 6	3315 G 7	3805 G 3	
2316 E 7	3316 G 7	3810 G 5	
3 2317 E 7	3317 F 6	3818 C 4	
2318 E 8	3318 E 7	3819 D 4	
2319 G 7	3323 D 7	3820 C 3	
2320 F 8	3324 D 7	3821 D 4	
2321 E 8	3325 D 7	3822 H 5	
2322 F 8	3326 E 7	3823 C 5	
2324 F 6	3327 D 7	3824 D 5	
2325 F 6	3330 H 6	3825 C 5	
2 2330 F 7	3341 D 7	3828 D 5	
2333 D 7	3346 D 8	3830 G 4	
2340 E 8	3347 D 8	3851 G 4	
2349 D 7	3348 E 6	3852 F 3	
2404 A 5	3349 D 8	3853 F 3	
2405 A 7	3406 B 4	3877 G 2	
2406 A 4	3408 A 7	3878 F 3	
2413 B 4	3409 A 4	3879 F 2	
1 2414 B 6	3410 B 5	6200 I 6	
2421 B 4	3415 B 3	6201 I 8	
2500 B 7	3416 C 7	6202 I 7	
2511 C 4	3417 B 6	6504 B 7	
2512 C 4	3420 B 5	6821 H 5	
2514 A 8	3500 D 4	7200 H 8	
2515 B 8	3501 C 4	7201 I 7	
2612 D 5	3502 B 6	7202 H 7	
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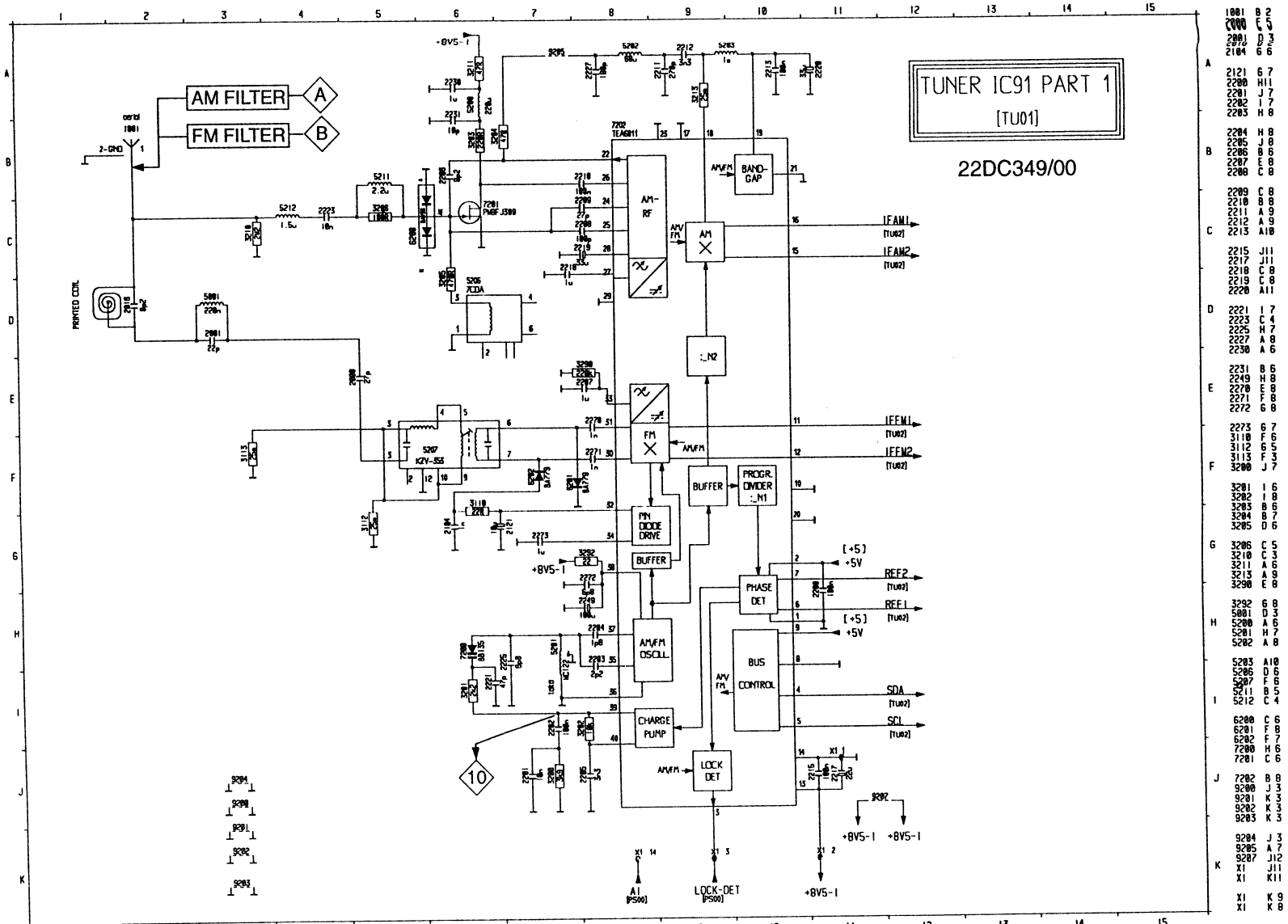
2614 E 5	3504 C 5	7301 D 7	
2615 E 5	3505 B 8	7404 C 8	


TUNER IC91 PART 1
[TU01]
22DC349/00
AM FILTER
A
FM FILTER
B
-8V5-I
AM-RF
BAND-GAP
AM
FM
IFAM1
IFAM2
IFFM1
IFFM2
BUFFER
PROGR. DIVIDER
PIN DIODE DRIVE
PHASE DET
REF2
REF1
AM/FM OSCILL
BUS CONTROL
SDA
SCL
CHARGE PUMP
LOCK DET
+8V5-I
LOCK-DET
PRINTED COIL

TUNER IC91 PART 2

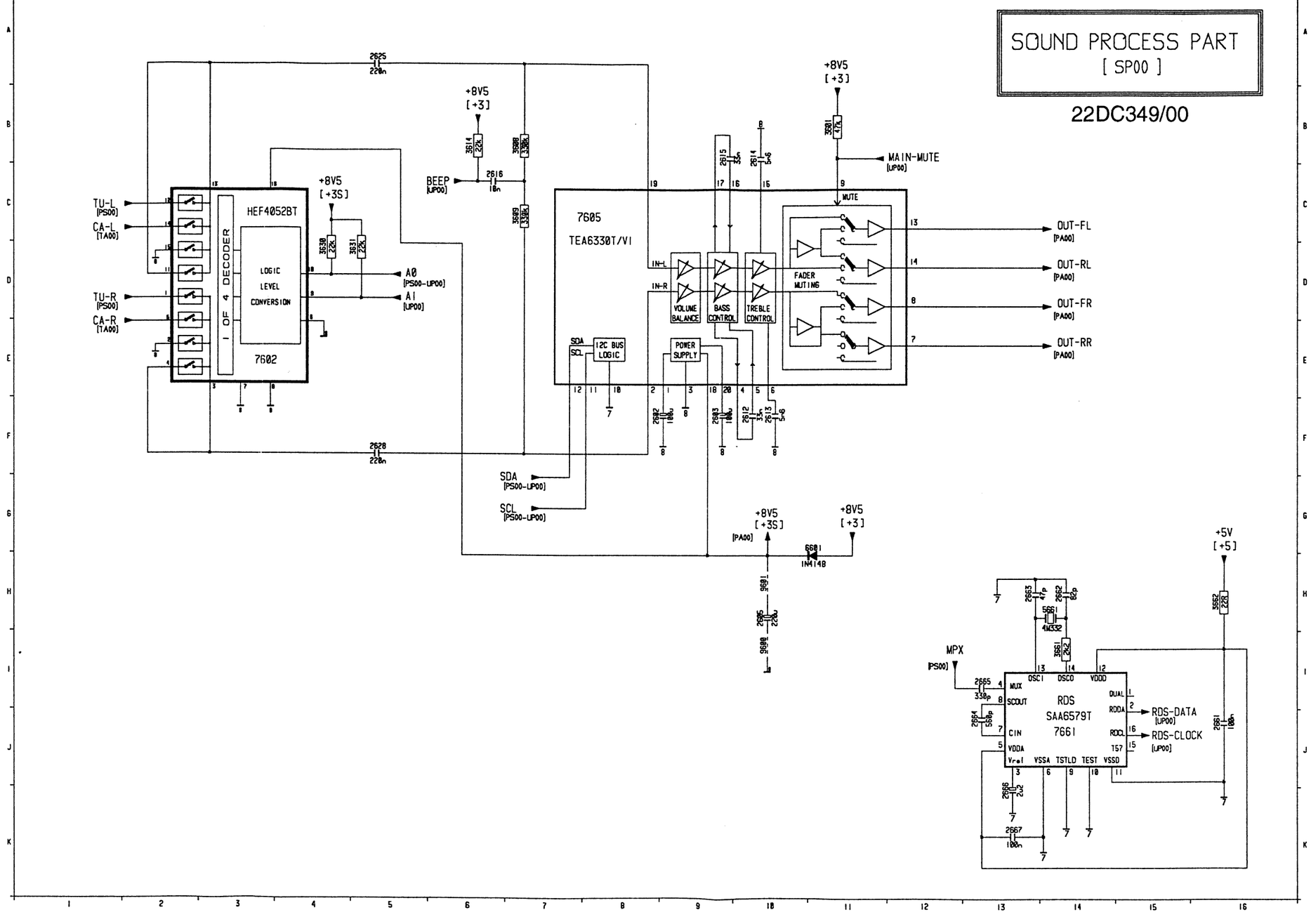
[TU02]

22DC349/00

1300	A	5
1301	C	2
1302	C	4
1303	D	2
2214	D	1
2224	G	3
2228	F	4
2229	E	1
2232	E	1
2300	I	16
2301	D	4
2302	J	16
2305	C	4
2306	H	16
2307	B	6
2308	B	6
2309	B	11
2310	B	11
2311	B	10
2312	A	11
2313	D	12
2314	E	16
2315	D	17
2316	F	16
2317	G	16
2318	K	13
2319	K	10
2320	K	9
2321	K	9
2322	K	8
2324	A	14
2325	A	14
2327	B	9
2328	J	16
2330	E	4
2332	H	17
2333	A	2
2340	B	12
2349	C	3
3208	J	3
3209	J	3
3212	C	1
3300	K	12
3301	K	10
3302	K	11
3303	K	12
3305	A	9
3306	B	9
3307	B	8
3308	A	11
3309	A	12
3310	D	16
3313	I	17
3314	K	11
3315	K	11
3316	K	10
3317	B	14
3318	C	4
3319	B	8
3321	B	7
3322	A	6
3323	B	3
3324	B	3
3325	C	3
3326	C	3
3327	A	3
3330	B	6
3341	C	3
3346	A	12
3347	B	12
3348	A	5
3349	B	7
4300	G	4
5208	C	1
5209	F	1
5210	F	3
5301	B	5
5302	A	7
7300	J	14
7301	C	3

SOUND PROCESS PART
[SP00]

22DC349/00



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2603	F	9
2605	H	10
2612	F	10
2613	F	10
2614	B	10
2615	B	9
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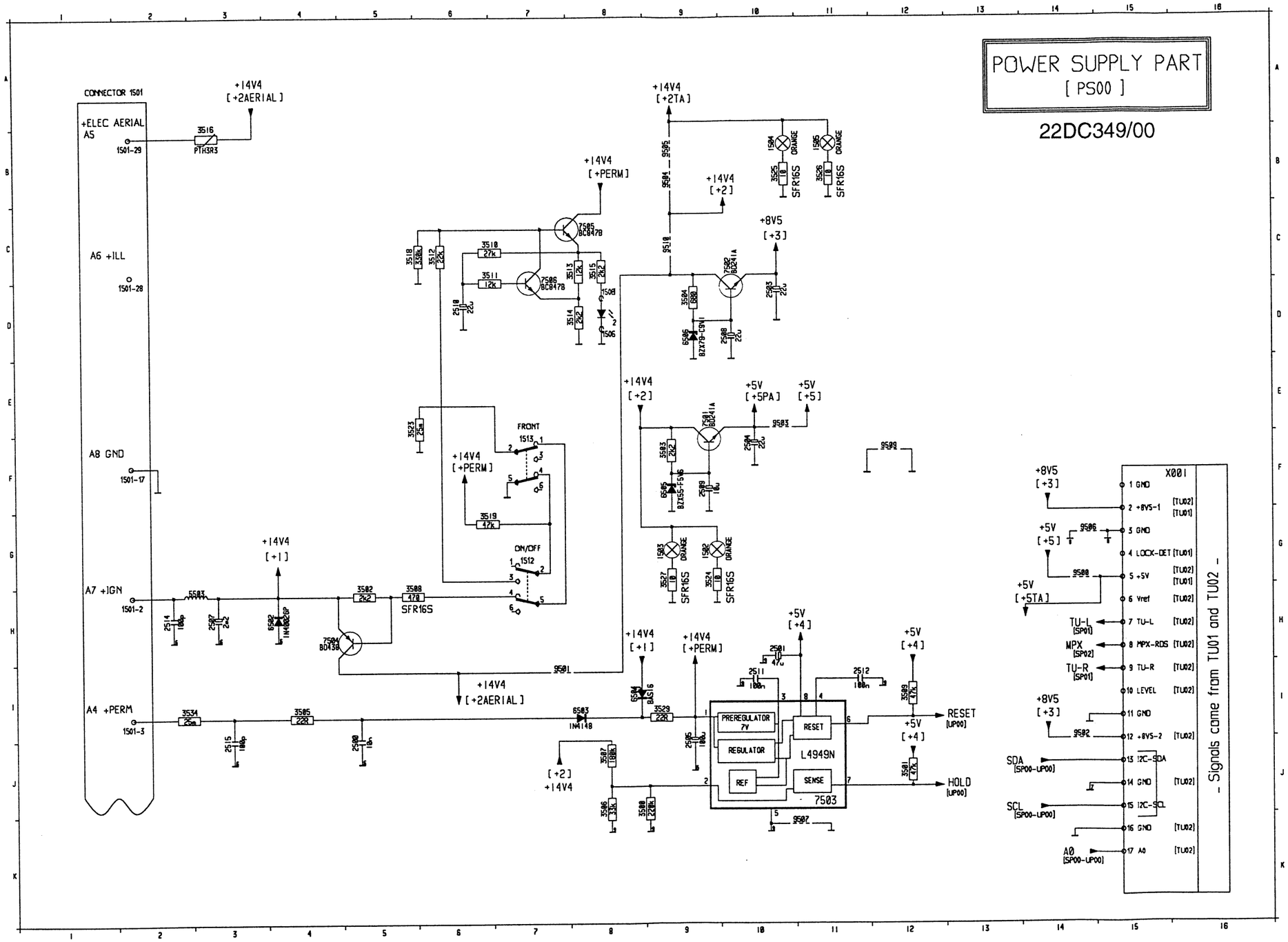
2625	A	5
2628	F	5
2661	J	16
2662	H	14
2663	H	13
2664	J	13
2665	I	13
2666	K	13
2667	K	13
3601	B	11
3608	B	7
3609	C	7
3614	B	6
3630	D	4
3631	D	5
3661	I	14
3662	H	16
5661	H	14
6601	G	11
7602	E	3
7605	C	7
7661	J	14
9600	I	10
9601	H	10

POWER SUPPLY PART
[PS00]

22DC349/00



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1502	G	10
1503	G	9
1504	B	10
1505	B	11
1506	D	8
1512	G	7
1513	F	7
2500	J	5
2501	H	10
2503	D	10
2504	F	10
2505	J	9
2507	H	3
2508	D	10
2509	F	9
2510	D	6
2511	I	10
2512	I	12
2514	H	2
2515	J	3
3500	J	9
3501	J	12
3502	H	5
3503	F	9
3504	D	9
3505	I	4
3506	J	8
3507	J	8
3508	H	6
3509	I	12
3510	C	7
3511	C	7
3512	C	6
3513	C	8
3514	D	8
3515	D	8
3516	B	3
3518	C	6
3519	G	7
3523	E	6
3524	G	10
3525	B	10
3526	B	11
3527	G	9
3529	I	9
3534	I	3
5503	H	3
6502	H	4
6503	I	8
6504	I	9
6505	F	9
6506	D	9
7501	E	10
7502	C	10
7503	J	11
7504	H	5
7505	C	8
7506	D	7
9500	G	14
9501	I	8
9502	J	14
9503	E	10
9504	B	9
9505	B	9
9506	G	15
9507	K	11
9509	F	12
9510	C	9
X001	F	15

1001 J 8	1506 G 1	2249 H 8	2410 C 7	2602 D 6	3321 D 8	5200 I 6	5212 J 7	6505 A 3	7702 J 2	9401 B 8	9504 H 4
1300 E 6	1512 B 2	2327 E 8	2411 A 4	2603 D 7	3322 H 7	5201 H 8	5301 F 6	6506 C 6	7824 G 4	9402 B 8	9505 H 3
1301 E 7	1513 D 2	2328 G 8	2501 C 4	2605 D 4	3508 B 6	5202 I 6	5302 F 8	6601 E 5	7851 G 4	9403 C 8	9506 F 5
1302 D 7	1714 J 4	2332 E 6	2503 C 5	2666 I 2	3516 B 7	5203 H 6	5503 B 7	6702 J 5	9200 J 7	9404 C 8	9507 C 4
1303 G 6	1801 B 2	2401 C 7	2504 A 3	2701 J 3	3524 B 3	5206 J 5	5661 G 3	6703 J 5	9201 G 7	9405 A 7	9509 A 2
1501 A 8	1803 C 4	2402 B 5	2505 A 7	2702 J 2	3525 F 2	5207 I 8	5801 G 3	7402 A 5	9202 F 7	9406 C 7	9510 C 5
1502 B 3	2121 I 6	2403 B 5	2507 A 6	2723 J 3	3526 H 2	5208 G 7	5802 E 4	7501 A 3	9203 E 6	9500 G 5	9600 D 4
1503 B 4	2217 I 6	2407 B 5	2508 C 5	2724 J 3	3527 B 3	5209 G 7	6401 B 5	7502 C 6	9204 F 7	9501 B 6	9601 D 4
1504 E 1	2219 I 7	2408 B 5	2509 A 3	3303 G 7	4300 F 8	5210 G 8	6502 A 6	7503 C 4	9205 I 6	9502 E 5	
1505 H 1	2220 H 6	2409 B 5	2510 D 1	3319 G 6	5001 I 7	5211 J 6	6503 B 7	7504 B 6	9207 I 6	9503 B 3	

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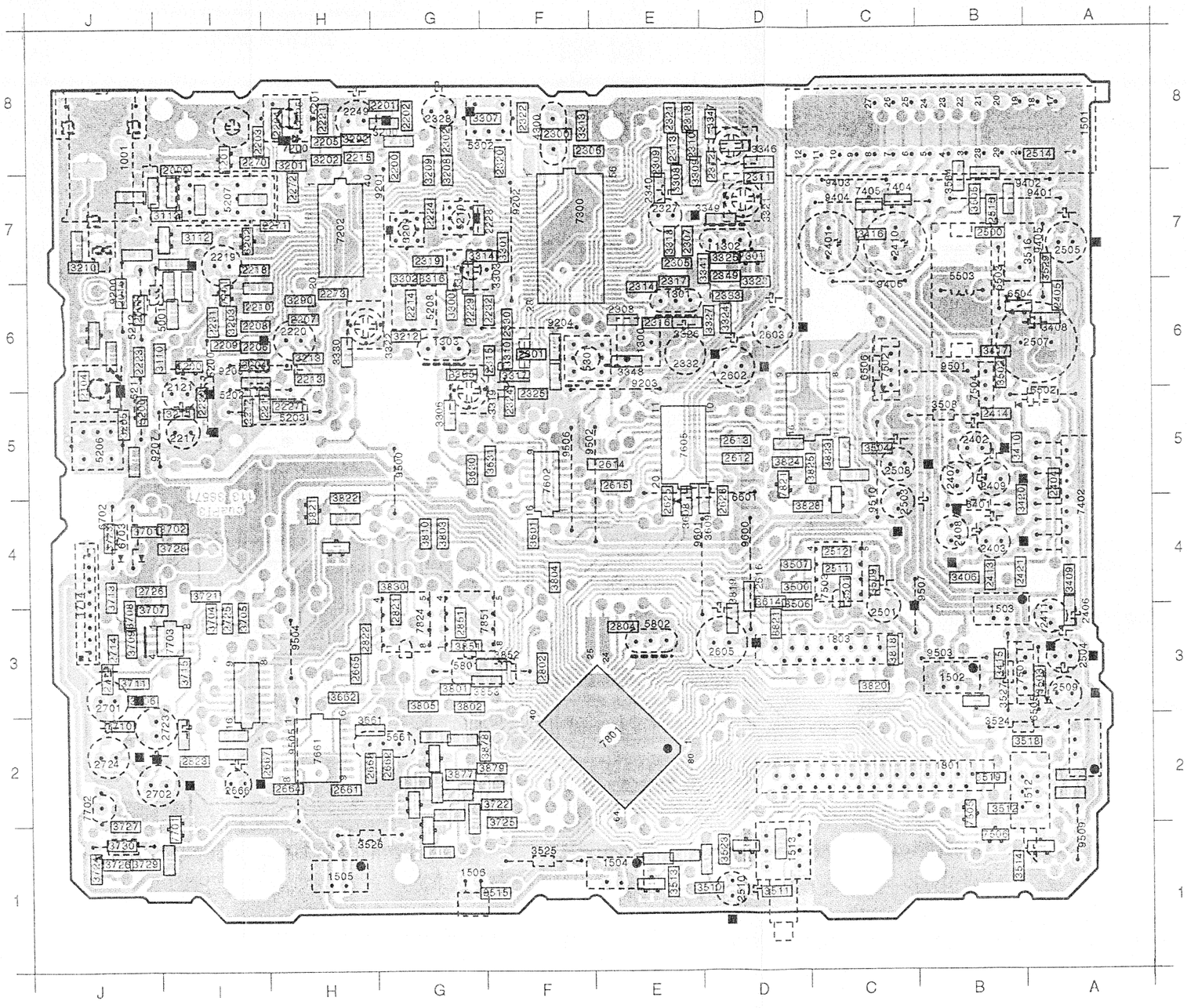

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2001 J 7	2625 E 5	3507 D 4	7505 B 2	
2016 J 7	2628 D 5	3509 C 4	7506 B 2	
2104 J 6	2661 H 2	3510 D 1	7602 F 5	
2200 G 8	2662 G 3	3511 D 1	7605 E 5	
2201 G 8	2663 H 2	3512 B 2	7661 H 3	
2202 G 8	2664 H 2	3513 E 1	7701 I 2	
2203 H 8	2665 H 3	3514 B 2	7703 I 4	
2204 H 8	2667 H 3	3515 F 1	7801 E 3	
2205 H 8	2714 J 4	3518 A 3	7821 D 5	
2206 I 6	2715 J 3	3519 B 2		
2207 H 7	2725 I 4	3523 D 2		
2208 I 7	2726 J 4	3529 A 7		
2209 I 6	2802 F 3	3534 B 8		
2210 I 7	2804 E 4	3601 F 5		
2211 H 6	2821 G 4	3608 E 5		
2212 I 6	2822 H 4	3609 D 5		
2213 H 6	2823 I 3	3614 D 4		
2214 G 7	2851 G 4	3630 G 5		
2215 H 8	3110 I 6	3631 F 5		
2218 I 7	3112 I 7	3661 H 3		
2221 H 8	3113 I 8	3662 H 3		
2223 J 6	3200 G 8	3701 J 5		
2224 G 8	3201 H 8	3702 I 5		
2225 H 8	3202 H 8	3704 I 4		
2227 H 6	3203 I 7	3705 I 4		
2228 F 8	3204 I 6	3706 J 3		
2229 G 7	3205 J 6	3707 J 4		
2230 I 6	3206 J 6	3708 J 4		
2231 I 7	3208 G 8	3709 J 4		
2232 F 7	3209 G 8	3710 J 3		
2270 I 8	3210 J 7	3711 J 3		
2271 H 7	3211 I 6	3713 J 4		
2272 H 8	3212 G 6	3715 I 3		
2273 H 7	3213 H 6	3721 I 4		
2300 F 8	3290 H 7	3722 F 2		
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2306 E 8	3302 G 7	3726 J 2		
2307 E 7	3305 G 6	3727 J 2		
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2311 D 8	3309 E 8	3801 G 3		
2312 D 8	3310 F 6	3802 G 3		
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2316 E 7	3316 G 7	3810 G 5		
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2321 E 8	3325 D 7	3822 H 5		
2322 F 8	3326 E 7	3823 C 5		
2324 F 6	3327 D 7	3824 D 5		
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2333 D 7	3346 D 8	3830 G 4		
2340 E 8	3347 D 8	3851 G 4		
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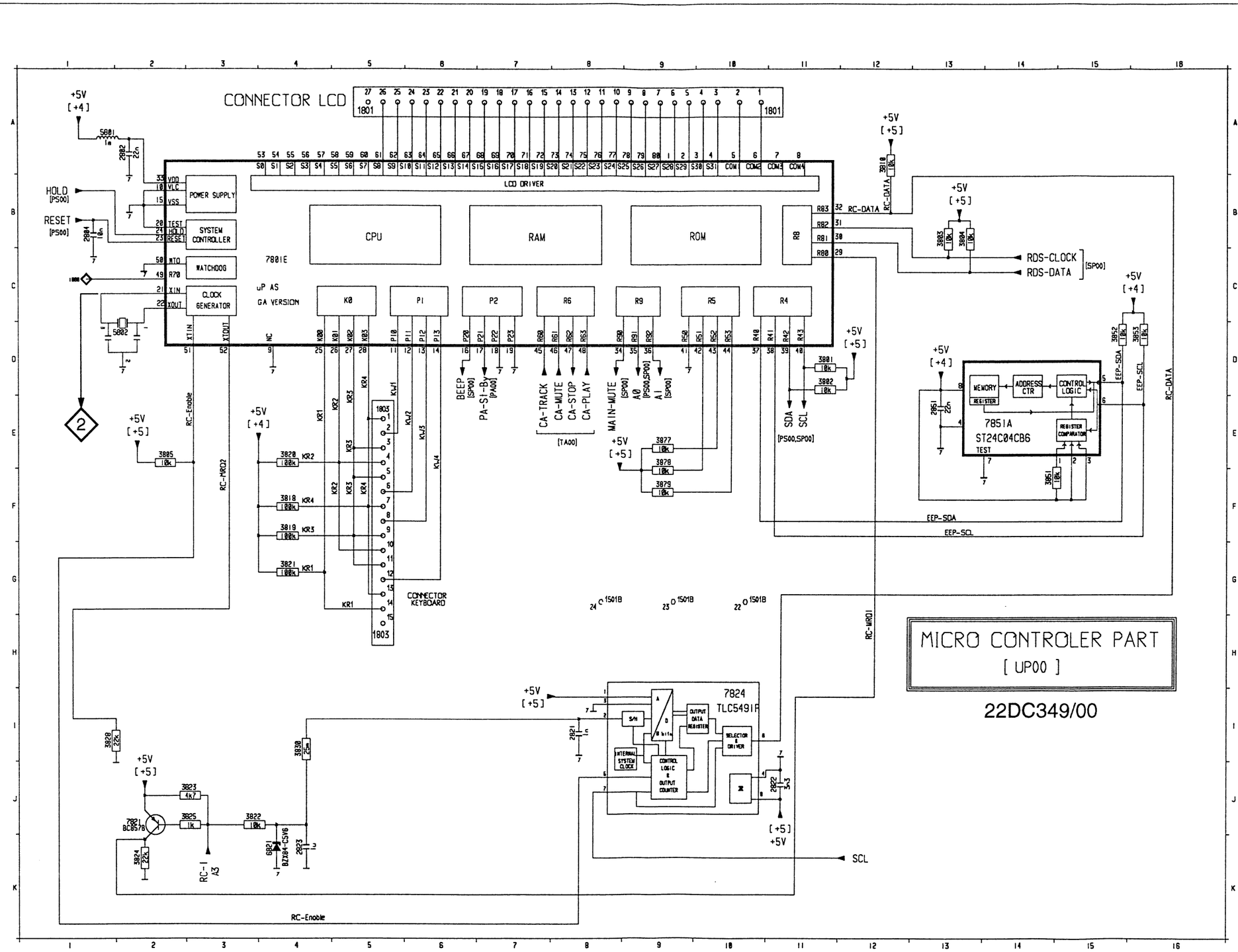
2404 A 5	3349 D 8	3853 F 3		
2405 A 7	3405 B 4	3877 G 2		
2406 A 4	3408 A 7	3878 F 3		
2413 B 4	3409 A 4	3879 F 2		
2414 B 6	3410 B 5	6200 I 6		
2421 B 4	3415 B 3	6201 I 6		
2500 B 7	3416 C 7	6202 I 7		
2511 C 4	3417 B 6	6504 B 7		
2512 C 4	3420 B 5	6821 H 5		
2514 A 8	3500 D 4	7200 H 8		
2515 B 8	3501 C 4	7201 I 7		
2612 D 5	3502 B 5	7202 H 7		
2613 D 5	3503 A 3	7300 F 7		
2614 E 5	3504 C 5	7301 D 7		
2615 E 5	3505 B 8	7404 C 8		



1501 J16
1800 C 1
1801 A 5
1803 H 5
2802 A 2

2804 B 1
2821 I 8
2822 J11
2823 K 4
2851 E13

3801 D11
3802 D11
3803 B13
3804 B13
3805 E 2

3810 A12
3818 F 4
3819 F 4
3820 E 4
3821 G 4

3822 J 3
3823 J 3
3824 K 2
3825 J 3
3828 I 1

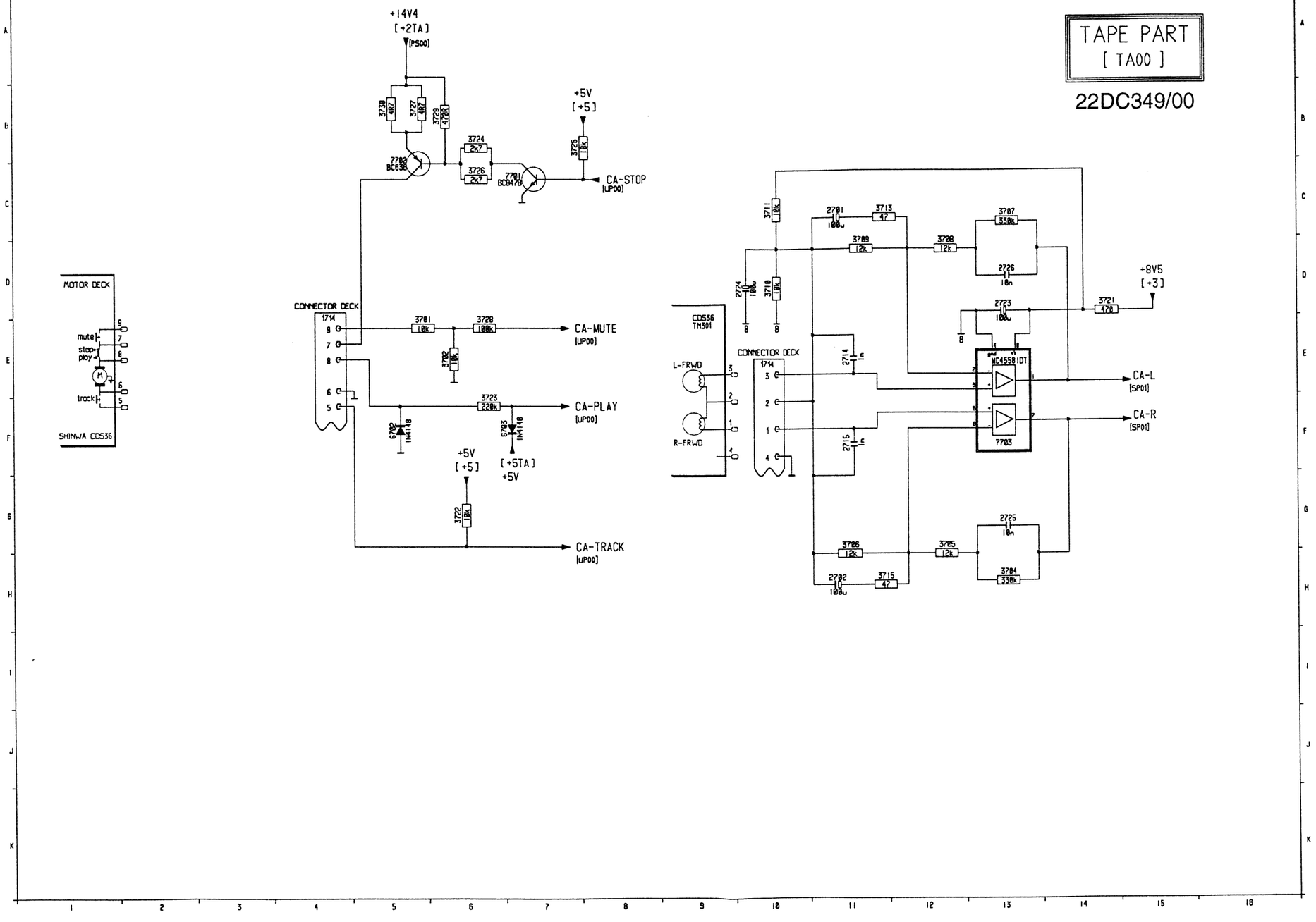
3830 H 4
3851 F14
3852 D15
3853 D16
3877 E 9

3878 E 9
3879 F 9
5801 A 1
5802 D 1
6821 K 4

7801 C 4
7821 J 2
7824 I10
7851 E14

TAPE PART
[TA00]

22DC349/00



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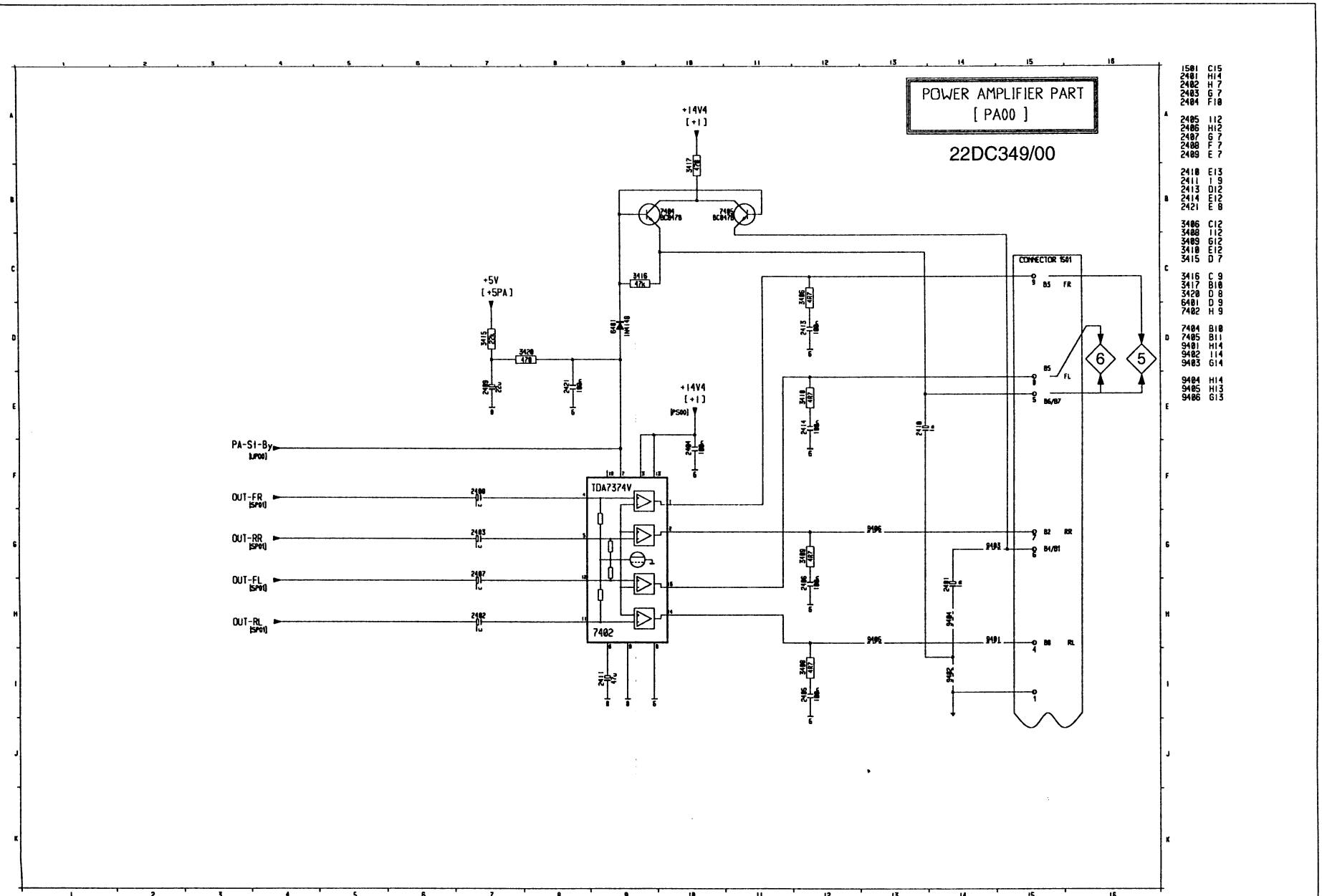
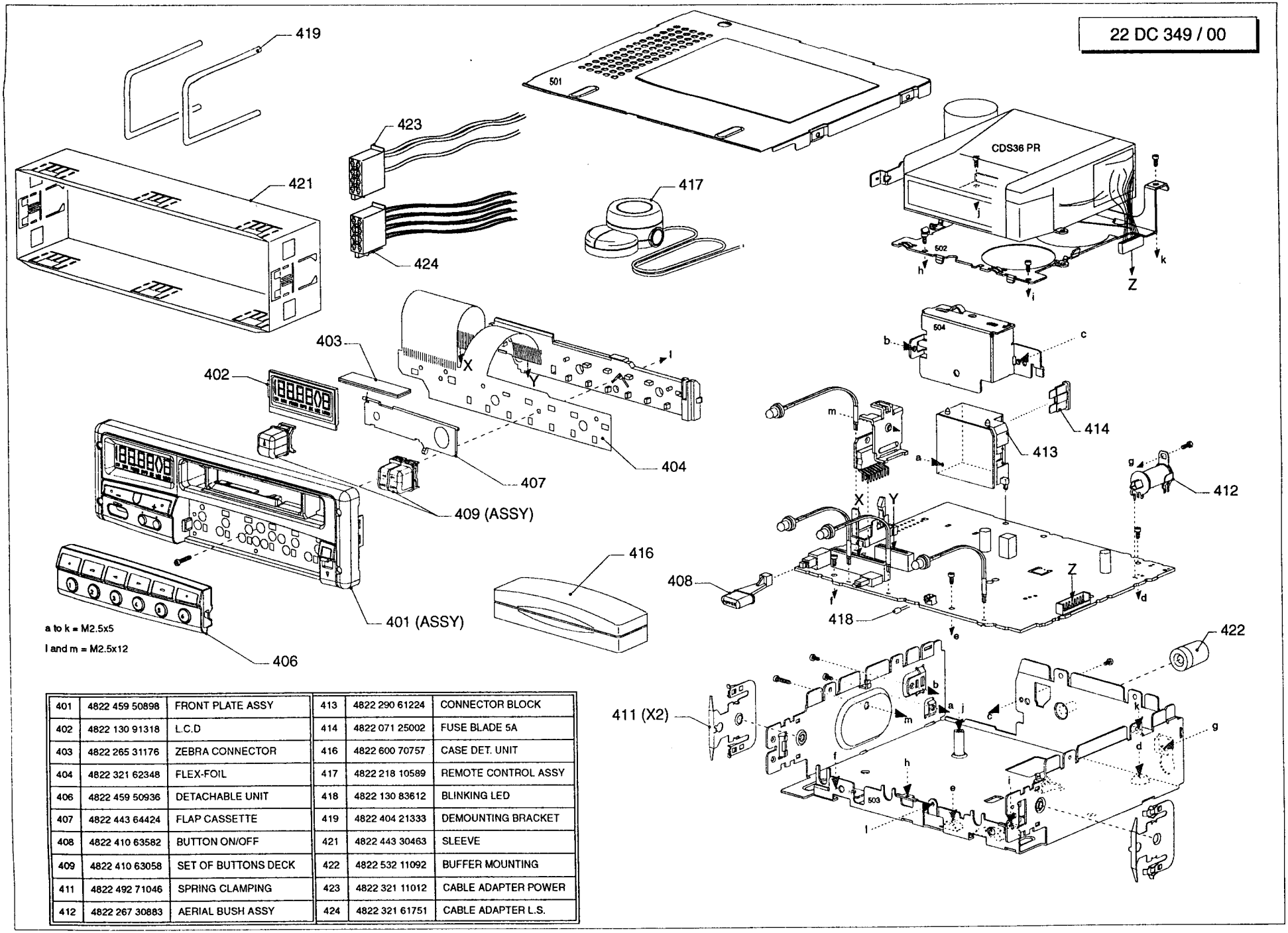
	1714	E10
	2701	C11
	2702	H11
	2714	E11
A	2715	F11
	2723	D13
	2724	D10
	2725	G13
	2726	D13
	3701	E 5
	3702	E 6
	3704	H13
B	3705	G12
	3706	G11
	3707	C13
	3708	D12
	3709	D11
	3710	D10
	3711	C10
C	3713	C11
	3715	H11
	3721	D14
	3722	G 6
	3723	F 6
	3724	B 6
D	3725	B 7
	3726	C 6
	3727	B 5
	3728	E 6
	3729	B 6
	3730	B 5
	6702	F 5
E	6703	F 7
	7701	C 7
	7702	C 5
	7703	F13
F		
G		
H		
I		
J		
K		


POWER AMPLIFIER PART
[PA00]
22DC349/00
+14V4
[+I]
+5V
[+5PA]
+14V4
[+I]
PA-St-By
OUT-FR
OUT-RR
OUT-FL
OUT-RL
TDA7374V
7402
CONNECTOR 1501
B5 FR
B5 FL
B6/B7
B2 RR
B4/B1
B8 RL
1501 C15
2401 H14
2402 H 7
2403 G 7
2404 F10
2405 I12
2406 H12
2407 G 7
2408 F 7
2409 E 7
2410 E13
2411 I 9
2413 D12
2414 E12
2421 E 8
3406 C12
3408 I12
3409 G12
3410 E12
3415 D 7
3416 C 9
3417 B10
3420 D 8
6401 D 9
7402 H 9
7404 B10
7405 B11
9401 H14
9402 I14
9403 G14
9404 H14
9405 H13
9406 G13



401	4822 459 50898	FRONT PLATE ASSY	413	4822 290 61224	CONNECTOR BLOCK
402	4822 130 91318	L.C.D	414	4822 071 25002	FUSE BLADE 5A
403	4822 265 31176	ZEBRA CONNECTOR	416	4822 600 70757	CASE DET. UNIT
404	4822 321 62348	FLEX-FOIL	417	4822 218 10589	REMOTE CONTROL ASSY
406	4822 459 50936	DETACHABLE UNIT	418	4822 130 83612	BLINKING LED
407	4822 443 64424	FLAP CASSETTE	419	4822 404 21333	DEMOUNTING BRACKET
408	4822 410 63582	BUTTON ON/OFF	421	4822 443 30463	SLEEVE
409	4822 410 63058	SET OF BUTTONS DECK	422	4822 532 11092	BUFFER MOUNTING
411	4822 492 71046	SPRING CLAMPING	423	4822 321 11012	CABLE ADAPTER POWER
412	4822 267 30883	AERIAL BUSH ASSY	424	4822 321 61751	CABLE ADAPTER L.S.

Miscellaneous		
1300	4822 242 81503	SFP450H
1301	4822 242 73779	SFE10,7MS3-K18-A
1302	4822 242 73779	SFE10,7MS3-K18-A
1303	4822 242 73779	SFE10,7MS3-K18-A
1502	4822 134 41173	50MA 14V T1.25
1503	4822 134 41173	50MA 14V T1.25
1504	4822 134 41175	80MA 14V T1.25
1505	4822 134 41175	80MA 14V T1.25
1512	4822 276 13483	SWITCH PUSHBUTTON
1513	4822 276 13484	SWITCH PUSHBUTTON
1801	4822 267 60378	27P CONNECTOR
1803	4822 267 50915	15P CONNECTOR

⊣⊢		
2000	5322 122 31946	27PF 5%NP0 63V
2001	5322 122 32658	22PF 5% 50V
2016	5322 122 33244	8,2PF 5%NPO 50V
2104	5322 122 34123	1NF10%X7R 50V
2121	4822 124 41017	10UF 16V
2200	4822 122 33496	100NF10%X7R 63V
2201	5322 122 34098	10NF10%X7R 63V
2202	4822 122 33496	100NF10%X7R 63V
2203	5322 122 33063	2,2PF 5%NP0 50V
2204	5322 126 10343	1,8PF 5%NP0 63V
2205	5322 122 33446	3,3NF10%X7R 63V
2206	5322 122 33244	8,2PF 5%NPO 50V
2207	4822 126 11692	1UF
2208	5322 122 32531	100PF 5%NP0 50V
2209	5322 122 31946	27PF 5%NP0 63V
2210	4822 122 33496	100NF10%X7R 63V
2211	4822 122 33216	270PF 5%NP0 50V
2212	5322 122 33446	3,3NF10%X7R 63V
2213	4822 122 33496	100NF10%X7R 63V
2214	5322 122 32654	22NF10%X7R 63V
2215	4822 122 33496	100NF10%X7R 63V
2217	4822 124 23279	22UF20% 16V
2218	4822 126 11692	1UF
2219	4822 124 80837	33UF20% 16V
2220	4822 124 23281	33UF20% 16V
2221	5322 122 32452	47PF 5%NP0 63V
2223	5322 122 34098	10NF10%X7R 63V
2224	5322 122 34098	10NF10%X7R 63V
2225	5322 122 32269	6,8PF 5% 50V
2227	4822 126 10326	180PF 5%NP0 63V
2228	5322 122 32287	4,7PF 5%NP0 50V
2229	5322 122 32448	10PF 5% 50V
2230	4822 126 11692	1UF
2231	5322 122 32448	10PF 5% 50V
2232	5322 122 32448	10PF 5% 50V
2249	4822 124 41584	100UF 20% 10V
2270	5322 122 34123	1NF10%X7R 50V
2271	5322 122 34123	1NF10%X7R 50V
2272	5322 122 32269	6,8PF 5% 50V
2273	4822 126 11692	1UF 20%
2300	4822 126 11692	1UF 20%
2301	5322 122 32654	22NF10%X7R 63V
2302	4822 122 33496	100NF10%X7R 63V
2305	4822 122 33496	100NF10%X7R 63V
2306	4822 122 33496	100NF10%X7R 63V

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2307	4822 126 13196	100NF10% X7R 25V
2308	4822 122 33496	100NF10%X7R 63V
2309	5322 122 34098	10NF10%X7R 63V
2310	5322 122 33446	3,3NF10%X7R 63V
2311	5322 122 33446	3,3NF10%X7R 63V
2312	4822 122 33514	68PF 5%NP0 50V
2313	4822 126 13057	220NF10% X7R 25V
2314	5322 122 31866	6,8NF10%X7R 63V
2315	4822 122 33496	100NF10%X7R 63V
2316	4822 126 13057	220NF10% X7R 25V
2317	5322 122 31866	6,8NF10%X7R 63V
2318	5322 122 32654	22NF10%X7R 63V
2319	4822 122 33496	100NF10%X7R 63V
2320	4822 122 33496	100NF10%X7R 63V
2321	4822 126 13196	100NF10% X7R 25V
2322	4822 126 13057	220NF10% X7R 25V
2324	4822 126 13057	220NF10% X7R 25V
2325	5322 122 32654	22NF10%X7R 63V
2327	4822 124 23256	47UF 16V
2328	5322 124 41431	22UF20% 35V
2330	4822 122 33496	100NF10%X7R 63V
2332	4822 124 80837	33UF20% 16V
2333	5322 122 34098	10NF10%X7R 63V
2340	5322 122 32448	10PF 5% 50V
2349	5322 122 34098	10NF10%X7R 63V
2401	4822 124 40201	1000UF20% 16V
2402	4822 124 23282	1UF20% 50V
2403	4822 124 23282	1UF20% 50V
2404	4822 126 13196	100NF10% X7R 25V
2405	4822 126 13196	100NF10% X7R 25V
2406	4822 126 13196	100NF10% X7R 25V
2407	4822 124 23282	1UF20% 50V
2408	4822 124 23282	1UF20% 50V
2409	5322 124 41431	22UF20% 35V
2410	4822 124 40201	1000UF20% 16V
2411	4822 124 23256	47UF 16V
2413	4822 126 13196	100NF10% X7R 25V
2414	4822 126 13196	100NF10% X7R 25V
2421	4822 126 13196	100NF10% X7R 25V
2500	5322 122 34098	10NF10%X7R 63V
2501	4822 124 23256	47UF 16V
2503	5322 124 41431	22UF20% 35V
2504	5322 124 41431	22UF20% 35V
2505	4822 124 23318	100UF 16V
2507	4822 124 80629	2200UF 20% 16V
2508	5322 124 41431	22UF20% 35V
2509	4822 124 40248	10UF20% 63V
2510	5322 124 41431	22UF20% 35V
2511	4822 126 13196	100NF10% X7R 25V
2512	4822 126 13196	100NF10% X7R 25V
2514	5322 122 32531	100PF 5%NP0 50V
2515	5322 122 32531	100PF 5%NP0 50V
2602	4822 124 80453	100UF20% 10V
2603	4822 124 80453	100UF20% 10V
2605	4822 124 23582	220UF 10V
2612	4822 122 33342	33NF10%X7R 63V
2613	4822 122 32646	5,6NF10%X7R 50V
2614	4822 122 32646	5,6NF10%X7R 50V
2615	4822 122 33342	33NF10%X7R 63V
2616	5322 122 34098	10NF10%X7R 63V

22DC349/00

2625	4822 126 13057	220NF10% X7R 25V
2628	4822 126 13057	220NF10% X7R 25V
2661	4822 126 13196	100NF10% X7R 25V
2662	4822 122 33515	82PF 5% NPO 63V
2663	5322 122 32452	47PF 5%NP0 63V
2664	5322 116 80853	560PF 5% NPO
2665	5322 122 31863	330PF 5% NPO 63V
2666	4822 124 23504	2,2UF 20% 50V
2667	4822 126 13196	100NF10% X7R 25V
2701	4822 124 80453	100UF20% 10V
2702	4822 124 80453	100UF20% 10V
2714	5322 122 34123	1NF10%X7R 50V
2715	5322 122 34123	1NF10%X7R 50V
2723	4822 124 80453	100UF20% 10V
2724	4822 124 80453	100UF20% 10V
2725	5322 122 34098	10NF10%X7R 63V
2726	5322 122 34098	10NF10%X7R 63V
2802	5322 122 32654	22NF10%X7R 63V
2804	5322 122 34098	10NF 10% X7R 63V
2821	5322 122 34123	1NF10%X7R 50V
2822	5322 122 33446	3.3NF 10% 50V
2823	4822 126 11692	1UF 20%
2851	5322 122 32654	22NF10%X7R 63V

3110	4822 051 20229	22R00 5% 0,1W
3112	4822 051 20008	0R00 JUMP. (0805)
3113	4822 051 20008	0R00 JUMP. (0805)
3200	4822 051 20392	3K90 5% 0,1W
3201	4822 051 20222	2K20 5% 0,1W
3202	4822 051 20103	10K00 5% 0,1W
3203	4822 051 20221	220R00 5% 0,1W
3204	4822 051 20471	470R00 5% 0,1W
3205	4822 051 20471	470R00 5% 0,1W
3206	4822 051 20101	100R00 5% 0,1W
3208	4822 051 20103	10K00 5% 0,1W
3209	4822 051 20103	10K00 5% 0,1W
3210	4822 051 20225	2M20 5% 0,1W
3211	4822 051 20479	47R00 5% 0,1W
3212	4822 051 20229	22R00 5% 0,1W
3213	4822 051 20008	0R00 JUMP. (0805)
3290	4822 051 20224	220K00 5% 0,1W
3292	4822 051 20229	22R00 5% 0,1W
3300	4822 051 20123	12K00 5% 0,1W
3301	4822 051 20335	3M30 5% 0,1W
3302	4822 051 20333	33K00 5% 0,1W
3303	4822 100 11319	4K7 30%LIN 0,1W
3305	4822 051 20333	33K00 5% 0,1W
3306	4822 051 20333	33K00 5% 0,1W
3307	4822 051 20432	4K30 5% 0,1W
3308	4822 051 20224	220K00 5% 0,1W
3309	4822 051 20124	120K00 5% 0,1W
3310	4822 051 20684	680K00 5% 0,1W
3313	4822 051 20124	120K00 5% 0,1W
3314	4822 051 20564	560K00 5% 0,1W
3315	4822 051 20564	560K00 5% 0,1W
3316	4822 051 20105	1M 5% 0,1W
3317	4822 051 20273	27K00 5% 0,1W
3318	4822 051 20391	390R00 5% 0,1W
3319	4822 100 11163	100K 30%LIN 0,1W

3321	4822 100 11163	100K 30%LIN 0,1W
3322	4822 100 11163	100K 30%LIN 0,1W
3323	4822 051 20391	390R00 5% 0,1W
3324	4822 051 20272	2K70 5% 0,1W
3325	4822 051 20101	100R00 5% 0,1W
3326	4822 051 20102	1K00 5% 0,1W
3327	4822 051 20681	680R00 5% 0,1W
3330	4822 051 20473	47K00 5% 0,1W
3341	4822 051 20109	10R00 5% 0,1W
3346	4822 051 20473	47K00 5% 0,1W
3347	4822 051 20008	0R00 JUMP. (0805)
3348	4822 051 20681	680R00 5% 0,1W
3349	4822 051 20223	22K00 5% 0,1W
3406	4822 051 20478	4R70 5% 0,1W
3408	4822 051 20478	4R70 5% 0,1W
3409	4822 051 20478	4R70 5% 0,1W
3410	4822 051 20478	4R70 5% 0,1W
3415	4822 051 20223	22K00 5% 0,1W
3416	4822 051 20473	47K00 5% 0,1W
3417	4822 051 20471	470R00 5% 0,1W
3420	4822 051 20471	470R00 5% 0,1W
3500	4822 051 20224	220K00 5% 0,1W
3501	4822 051 20473	47K00 5% 0,1W
3502	4822 051 20222	2K20 5% 0,1W
3503	4822 051 20222	2K20 5% 0,1W
3504	4822 051 20681	680R00 5% 0,1W
3505	4822 051 20229	22R00 5% 0,1W
3506	4822 051 20333	33K00 5% 0,1W
3507	4822 051 20184	180K00 5% 0,1W
3508	4822 116 83883	470R 5% 0,5W
3509	4822 051 20473	47K00 5% 0,1W
3510	4822 051 20273	27K00 5% 0,1W
3511	4822 051 20123	12K00 5% 0,1W
3512	4822 051 20223	22K00 5% 0,1W
3513	4822 051 20123	12K00 5% 0,1W
3514	4822 051 20222	2K20 5% 0,1W
3515	4822 051 20222	2K20 5% 0,1W
3516	4822 116 40267	3R3 PTC 20V
3518	4822 051 20334	330K00 5% 0,1W
3519	4822 051 20473	47K00 5% 0,1W
3523	4822 051 20008	0R00 JUMP. (0805)
3524	4822 116 52176	10E 5% 0,5W
3525	4822 116 52176	10E 5% 0,5W
3526	4822 116 52176	10E 5% 0,5W
3527	4822 116 52176	10E 5% 0,5W
3529	4822 051 20229	22R00 5% 0,1W
3534	4822 051 20008	0R00 JUMP. (0805)
3601	4822 051 20473	47K00 5% 0,1W
3608	4822 051 20334	330K00 5% 0,1W
3609	4822 051 20334	330K00 5% 0,1W
3614	4822 051 20223	22K00 5% 0,1W
3630	4822 051 20223	22K00 5% 0,1W
3631	4822 051 20223	22K00 5% 0,1W
3661	4822 051 20222	2K20 5% 0,1W
3662	4822 051 20229	22R00 5% 0,1W
3701	4822 051 20103	10K00 5% 0,1W
3702	4822 051 20103	10K00 5% 0,1W
3704	4822 051 20334	330K00 5% 0,1W
3705	4822 051 20123	12K00 5% 0,1W
3706	4822 051 20123	12K00 5% 0,1W

PCS 85 684

PCS 85 685

3707	4822 051 20334	330K00 5% 0,1W
3708	4822 051 20123	12K00 5% 0,1W
3709	4822 051 20123	12K00 5% 0,1W
3710	4822 051 20103	10K00 5% 0,1W
3711	4822 051 20103	10K00 5% 0,1W
3713	4822 051 20479	47R00 5% 0,1W
3715	4822 051 20479	47R00 5% 0,1W
3721	4822 051 20471	470R00 5% 0,1W
3722	4822 051 20103	10K00 5% 0,1W
3723	4822 051 20224	220K00 5% 0,1W
3724	4822 051 20272	2K70 5% 0,1W
3725	4822 051 20103	10K00 5% 0,1W
3726	4822 051 20272	2K70 5% 0,1W
3727	4822 051 20478	4R70 5% 0,1W
3728	4822 051 20104	100K00 5% 0,1W
3729	4822 051 20471	470R00 5% 0,1W
3730	4822 051 20478	4R70 5% 0,1W
3801	4822 051 20103	10K00 5% 0,1W
3802	4822 051 20103	10K00 5% 0,1W
3803	4822 051 20103	10K00 5% 0,1W
3804	4822 051 20103	10K00 5% 0,1W
3805	4822 051 20103	10K00 5% 0,1W
3810	4822 051 20103	10K00 5% 0,1W
3818	4822 051 20104	100K00 5% 0,1W
3819	4822 051 20104	100K00 5% 0,1W
3820	4822 051 20104	100K00 5% 0,1W
3821	4822 051 20104	100K00 5% 0,1W
3822	4822 051 20103	10K00 5% 0,1W
3823	4822 051 20472	4K70 5% 0,1W
3824	4822 051 20223	22K00 5% 0,1W
3825	4822 051 20102	1K00 5% 0,1W
3828	4822 051 20223	22K00 5% 0,1W
3830	4822 051 20008	0R00 JUMP. (0805)
3851	4822 051 20103	10K00 5% 0,1W
3852	4822 051 20103	10K00 5% 0,1W
3853	4822 051 20103	10K00 5% 0,1W
3877	4822 051 20103	10K00 5% 0,1W
3878	4822 051 20103	10K00 5% 0,1W
3879	4822 051 20103	10K00 5% 0,1W

4300	4822 242 81698	AF9192C-A (61,5MHZ)
5001	4822 156 21723	LAL 02 A 0U22 5%
5200	4822 157 63315	LAL02 220UH
5201	4822 157 71059	IND VAR MC 122 100MHz
5202	4822 152 20679	LAL02 68UH 10%
5203	4822 157 53473	LAL04 1000UH 10%
5206	4822 157 71057	IND VAR 47000UH 6%
5207	4822 157 71058	FIL LC VAR 98M KZV-353
5208	4822 156 21722	IND VAR 7CGL 10.7MHZ
5209	4822 157 71055	IND VAR 5MM 5KM 72MHZ2
5210	4822 157 71055	IND VAR 5MM 5KM 72MHZ2
5211	4822 156 21721	LAL02 2U2 10%
5212	4822 156 21719	LAL02 1U5 10%
5301	4822 157 71742	IND VAR 7CGL 450KHz
5302	4822 157 71061	IND VAR 7MM 7P 10MHz7
5503	4822 157 70839	COIL ASSY
5661	4822 242 80259	RES XTL 4.332MHZ
5801	4822 157 53473	LAL04 1000UH 10%
5802	4822 242 81002	CST6,00MGW-TF01

6200	5322 130 34337	BAV99
6201	4822 130 83613	BA779
6202	4822 130 83613	BA779
6401	4822 130 30621	1N4148
6502	5322 130 30684	1N4002GP
6503	4822 130 30621	1N4148
6504	5322 130 31928	BAS16
6505	4822 130 34173	BZX79-C5V6
6506	4822 130 30862	BZX79-C9V1
6601	4822 130 30621	1N4148
6702	4822 130 30621	1N4148
6703	4822 130 30621	1N4148
6821	4822 130 80125	BZX84-C5V6

7200	4822 130 83614	BB135
7201	4822 130 63534	PMBFJ309
7202	4822 209 33168	TEA6811V/C2/R1
7300	4822 209 33167	TEA6821T/V2
7301	4822 130 60887	BF840
7402	4822 209 31132	TDA7374V
7404	4822 130 60511	BC847B
7405	4822 130 60511	BC847B
7501	4822 130 62732	BD241A
7502	4822 130 62732	BD241A
7503	4822 209 31373	L4949
7504	4822 130 40995	BD438
7505	4822 130 60511	BC847B
7506	4822 130 60511	BC847B
7602	5322 209 11102	HEF4052BT
7605	4822 209 31979	TEA6330T/V1
7661	4822 209 31981	SAA6579T/V1
7701	4822 130 60511	BC847B
7702	4822 130 44283	BC636
7703	4822 209 33162	MC4558IDT
7801	4822 209 90115	TMP47P820VF-DC349/00
7821	5322 130 60508	BC857B
7824	4822 209 73423	TLC549IP
7851	4822 900 10615	ST24C04CB6 PROG